

## BIODATA

- Full Name : DEEKSHAPUTRA  
RAMRAO BIRHADE
- Date of Birth : 05/12/1981
- Gender : Male
- Marital Status : Married
- Permanent Address : Mahad Nivas, Shahu Nagar,  
Nanded-431602.
- Correspondence Address : Shri Vyankatesh Arts, Commerce and  
Science College, Deulgaon Raja, Dist, Buldana-443204
- Mailing Address: : e-mail: [dkshabirhade@gmail.com](mailto:dkshabirhade@gmail.com)  
Mobile No: +91-8805382375
- Languages Known : Marathi, Hindi and English



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- **Present Designation:**  
Working as an **Assistant Professor** in Department of Chemistry, Shri Vyankatesh Arts,  
Commerce and Science College, Deulgaon Raja, Dist. Buldana, from 22 November 2019.
- **Teaching Experience:** 07 years and 06 months

UG/PG level	Name of Colleges/University	From --to	No. of years
UG	1. Shri Vyankatesh Arts, Commerce and Science College, Deulgaon Raja	From 2019 to present date	4 yr. and 3 months
UG	2. Yeshwant Mahavidyalaya, Nanded	From 2016 to 2019	3 years
UG	3. Indira Gandhi (Sr.) College, CIDCO, Nanded	From 2016 to 2019	3 years
UG	4. Shankarrao Chavan Mahavidyalaya, Ardhapur, Dist. Nanded	From 2016 to 2019	3 years
PG	5. School of Chemical Sciences, S.R.T.M.U., Nanded	From 2017 to 2019	2 years

➤ **Educational Qualifications :**

Exam	Board/Univ.	Year of Passing	Subjects	Percentage obtained	Class/ Grade
SSC	Aurangabad Board	1997	Science, Maths, Social Sciences	57.86	II class
HSC	Latur Board	1999	Chemistry, Physics, Biology, Mathematics.	58.50	II class
Graduation	B. Sc.	2002	Chemistry, Physics, Electronics	65.78	I class with distinction
Post-graduation	M. Sc.	2004	Organic Chemistry	62.53	I class
Graduation	B. Ed.	2005	Science, Mathematics	60.00	I class
GATE	IIT Kharagpur	2006	Chemical Science		
GATE	IIT Kanpur	2007	Chemical Science		
NET-JRF (CSIR)	CSIR	2007	Chemical Science		
Ph. D.	Savitribai Phule Pune University, Pune.	2017	Study towards the synthesis of (±)-Baclofen and analogs (Homobaclofen, PCPGABA, Saclofen, Phaclofen), Amaryllidaceae alkaloids (Ismine, Bicolorine, Trisphaeridine) and Eco-Friendly Wacker process.		

➤ **Research /Industrial Experience:**

Degree/ Position	Name of the Board/University	Year	Topic of Research/Subject
Research Associateship (CSIR-RA)	School of Chemical Sciences, S.R.T.M.U. Nanded	2019	Synthesis of 4,5-diazafluorene analogs and their evaluation as Organocatalysts for CO <sub>2</sub> reduction.
Project Assistant	Department of Chemistry, Savitribai Phule Pune University Pune	2012 - 2015	Synthetic Application of Wittig-Claisen olefination rearrangement.

Senior Research fellow	Department of Chemistry, Savitribai Phule Pune University Pune	2009 - 2012	Synthesis of Substituted GABA analogs
Junior Research Fellow	Department of Chemistry, Savitribai Phule Pune University Pune	2007-2009	Synthesis of Tunicamycine and higher sugars.
Research Trainee	Sai Advantium Pharma Ltd., Hinjewadi, Pune	2007	-----

➤ **Details of Conferences/ Seminars/Workshops Attended:**

Sr. No.	Title of the event	Venue	Date From-to	Duration	Mode Offline/ Online
1	Recent Advances in Chemical and Physical Sciences	Bahirji Smarak Mahavidyaaya, Basmath	14 December 2022	One day	Online
2	Workshop on Effective Pedagogical Tools and Techniques for Improved Learning Outcomes	Shri Vyankatesh Arts, Commerce and Science College, Deulgaon Raja, Dist. Buldana	11 May 2022	One day	Online
3	National Level Web Seminar on Chemical Sciences: Emerging Trends in Nanotechnology and Polymer Chemistry.	Department of Chemistry, Sunderrao Solanke Mahavidyalaya, Majalgaon, Dist. Beed	6 December 2021	One day	Online
4	National Conference on Advances in Chemical Sciences	Yeshwant Mahavidyalaya Nanded	31 August, 2019	One day	Offline
5	Chemistry for High Efficiency Materials (CHEM-2019)	Department of Chemistry, R. T. M. Nagpur University, Nagpur.	26-27 March 2019	Two days	Offline
6	Exploring New Horizons in Chemical Sciences	Department of Chemistry, Deogiri College, Aurangabad	10-12 January 2019	Three days	Offline
7	Recent trends in drug development	Department of Chemistry Savitribai Phule Pune Univ. Pune.	12-14 March 2015	Three days	Offline
8	Perspectives of Organic Synthesis	Department of Chemistry Savitribai Phule Pune Univ. Pune.	March 2012	One day	Offline
9	Future Challenges and Opportunities for Chemistry Students	Department of Chemistry Savitribai Phule Pune Univ. Pune.	25 March 2011	One day	Offline
10	Recent Trends in Chemistry	Department of Chemistry Savitribai Phule Pune Univ. pune.	13 March 2009	One day	Offline

➤ **Details of Publications :**

Sr. No.	Title of the Research Paper	Published in	Name and Status of the Journal ISSN/ISBN No.	Vol. No	Page no.
1	Synthesis, Molecular Docking and Biological Evaluation of some new Naphthalene-Chalcone Derivatives as Potential Anticancer Agent on MCF-7 Cell Line by MTT Assay	Jan. 2024	Asian Journal of Green Chemistry ISSN: 2588-4328	8	234-246
2	Synthesis of Indolyl Chalcones under Microwave Irradiation.	Aug. 2023	International Journal of Novel Research and Development ISSN: 2456-4184	8	d563 - d565
3	Microwave Assisted Synthesis of Indolyl Chalcones.	Aug. 2023	International Journal of Advance Studies and Growth Evaluation E-ISSN:2583-6528	2	54-58
4	Synthesis of (±)-Baclofen using Wittig Olefination–Claisen Rearrangement	July 2021	J. Appl. Organometallic Chemistry	1	109-115
5	Greening the Wacker process	Jan. 2013	<i>Tetrahedron Letters</i> ; 0040-4039	54	2293–2295.
6	Synthesis of (+)-isofagomine	Sept. 2012	<i>Tetrahedron: Asymmetry</i> 0957-4166	23	1234–1237
7	A Wittig-olefination–Claisen-rearrangement approach to the 3-methylquinoline-4-carbaldehyde synthesis.	Oct. 2012	<i>Beilstein Journal of Organic Chemistry</i> 1860-5397	8	1725–1729
8	A stereodivergent approach to carbahexofuranoses: synthesis of carba- $\alpha$ -D-glucofuranose, carba- $\beta$ -D-altrofuranose, carba- $\alpha$ -D-allofuranose, carba- $\beta$ -D-idofuranose, carba- $\alpha$ -D-galactofuranose and carba- $\beta$ -D-talofuranose.	Aug. 2011	<i>Tetrahedron Letters</i> 0040-4039	52	5559–5562
9	A short and efficient synthesis of furo[2,3-b]indoles.	June 2010	<i>Tetrahedron Letters</i> ;0040-4039	51	4494–4496.
10	The efficient synthesis of (3R,3aS,6aR)-hexahydrofuro[2,3-b]furan-3-ol and its isomers.	Aug. 2010	<i>Tetrahedron: Asymmetry</i> 0957-4166	21	2394–2398.
11	Wittig Olefination–Claisen Rearrangement Protocol for Cyclohexene Annulation.	Jan. 2010	<i>Synthetic Communications</i>	40	423–433.
12	Total synthesis of (±)-coerulescine	Sept.	<i>Beilstein Journal of</i>	6	876–879.

	and (±)-horsfiline.	2010	<i>Organic Chemistry</i> 1860-5397		
13	Zeolite catalyzed solvent-free one-pot synthesis of dihydropyrimidin-2(1 <i>H</i> )-ones – A practical synthesis of monastrol.	Feb. 2009	<i>Beilstein Journal of Organic Chemistry</i> 1860-5397 doi:10.3762/bjoc.5.4	5, No. 4	
14	Total Synthesis of (±)-Physovenine.	2009	<i>Eur. J. Org. Chem.</i>		3875– 3877
15	Pd(0)/C catalyzed efficient Wacker oxidation of functionalized terminal olefins.	Mar. 2009	<i>Tetrahedron Letters</i> ;0040-4039	50	2893– 2894
16	A novel and efficient total synthesis of (±)-physostigmine.	Mar. 2009	<i>Tetrahedron Letters</i> ; 0040-4039	50	2411– 2413

➤ **Relevant scientific techniques and skills acquired**

- ✓ Hand of CHEMDRAW, MestReNova, ACD software
- ✓ Expertise in multistep total synthesis and column chromatography of organic compounds.
- ✓ Familiar with the conventional spectroscopic techniques.
- ✓ Guided graduate and post graduate students extensively by mentoring them in formulation Of project reports.

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**DECLARATION:**

I, Deekshaputra Ramrao Birhade, hereby declare that all the entries made by me in this biodata are true and correct to the best of my knowledge.

Date:

Place: Deulgaon Raja

Signature

**Dr. Deekshaputra Ramrao Birhade**